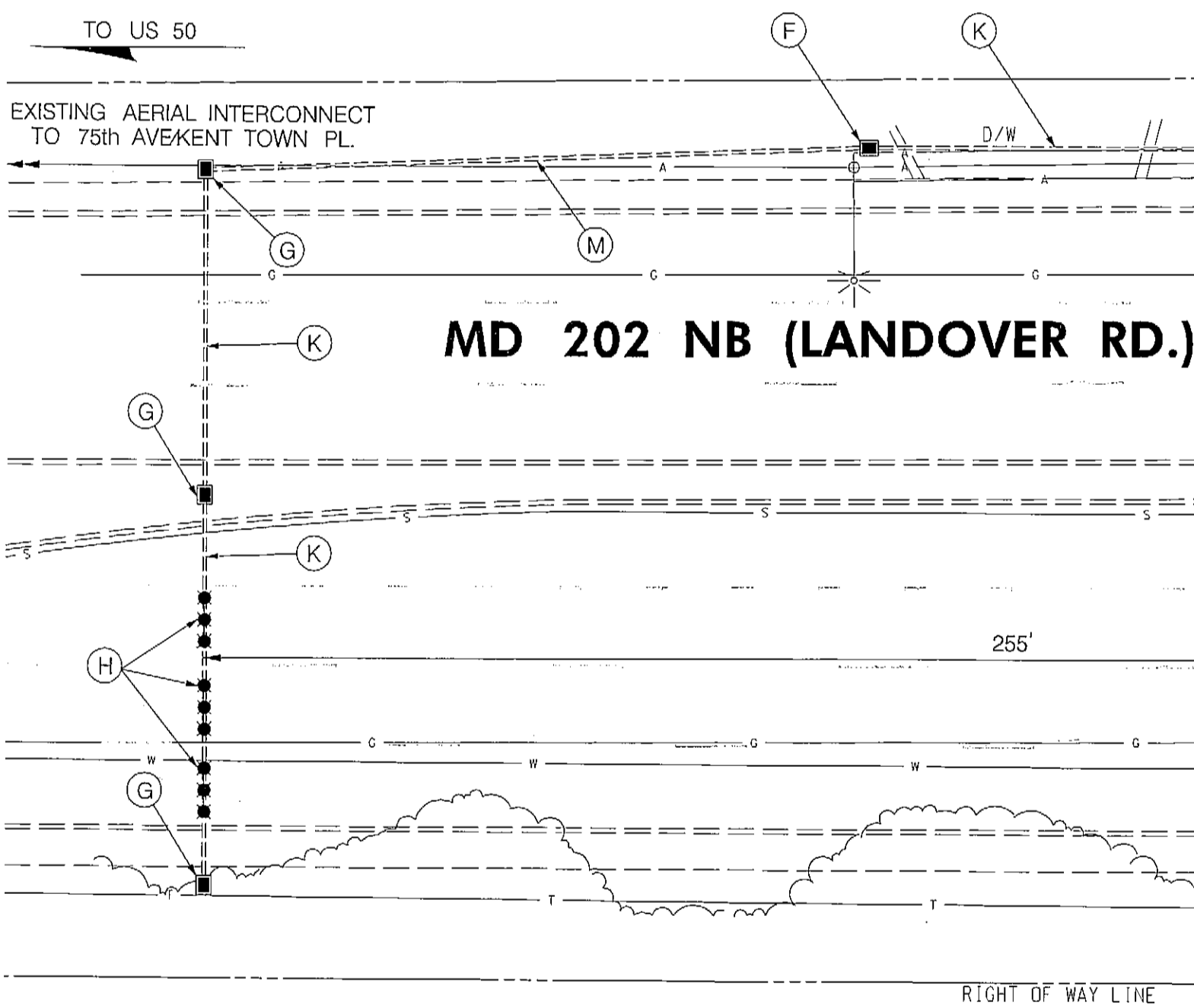
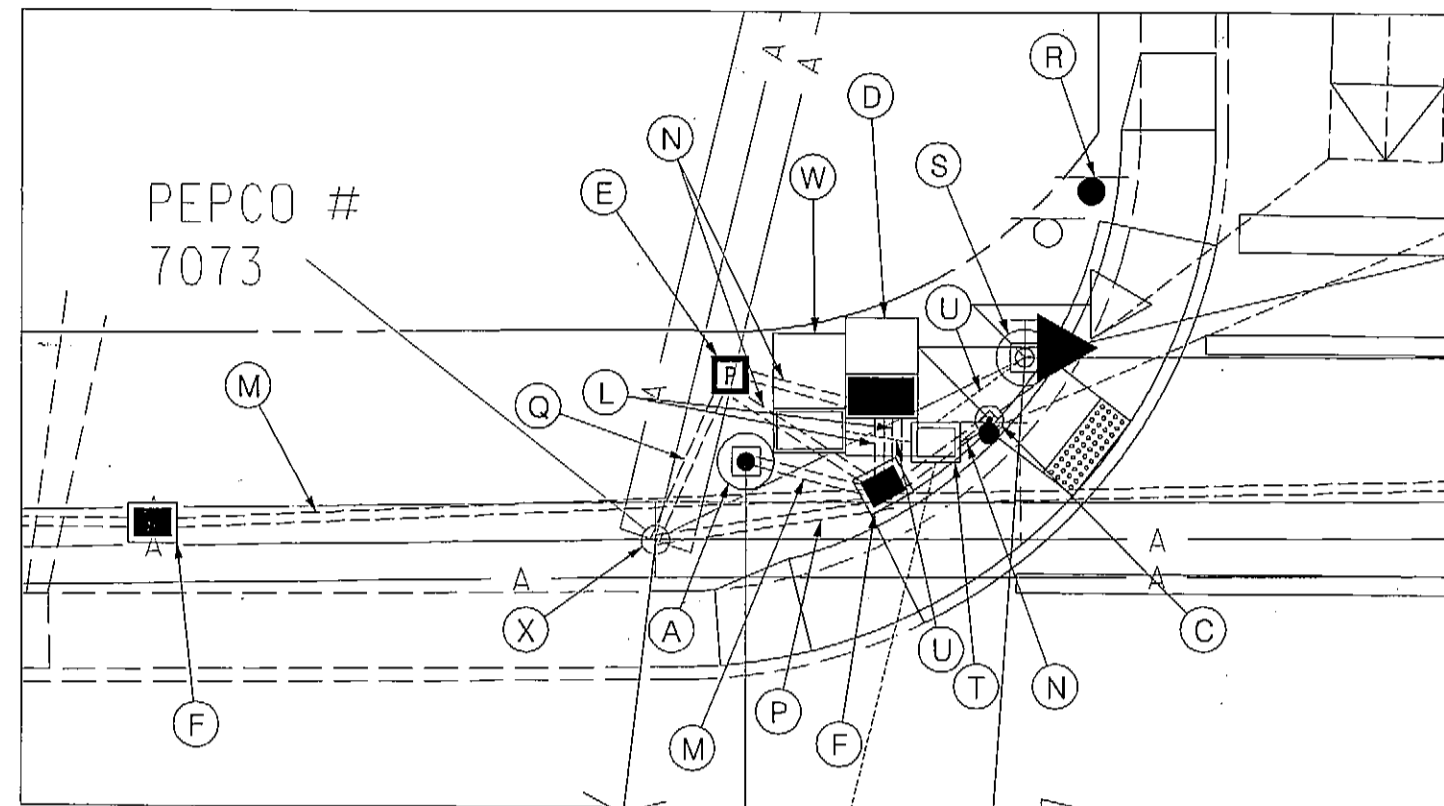


MD 202 IS ASSUME TO RUN
A NORTH-SOUTH DIRECTION

DETAIL A



CONSTRUCTION DETAILS:

- INSTALL CONCRETE FOUNDATION FOR A 18.5 FT. STEEL POLE WITH 50 FT. MAST ARM, LED TRAFFIC SIGNAL HEADS AND SIGNS. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL CONCRETE FOUNDATION FOR A 27 FT. STEEL POLE WITH TWIN 50/60 FT. MAST ARMS, LED TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, A 15 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND PHOTOCELL. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01), AND MODIFIED BASE, COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: 1-2 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL NEMA 'S' BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC SCHEDULE 80 BENDS).
- INSTALL METERED SERVICE PEDESTAL EMBEDDED.
- INSTALL HANDHOLE.
- INSTALL HANDHOLE ORIENTED FOR NON-INVASIVE PROBES.
- INSTALL NON-INVASIVE DETECTOR AND LEAD IN CABLE.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED, PROVIDE CONDUIT BEND AT THE BASE OF UTILITY POLE.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED, PROVIDE CONDUIT BEND AT THE BASE OF UTILITY POLE.
- INSTALL GROUND MOUNTED SIGN WITH ONE 4'X6' WOODEN POST.
- REMOVE EXISTING SIGNAL POLE AND SPAN WITH ALL ATTACHED EQUIPMENT AND POWER SERVICE. REMOVE FOUNDATION 12 IN. BELOW GROUND GRADE AND BACKFILL.
- REMOVE EXISTING HANDHOLE.
- CAP AND ABANDON EXISTING CONDUIT.
- DISCONNECT AND ABANDON EXISTING LOOP DETECTOR.
- REMOVE EXISTING SIGNAL CABINET 12 IN. BELOW GRADE AND BACKFILL.
- PULL BACK INTERCONNECT CABLE, DEAD END THEN RUN DOWN WOOD POLE USING A 3" ELECTRICAL CONDUIT PVC RISER WITH WEATHERHEAD AND RE-DIRECT TO NEW CABINET.

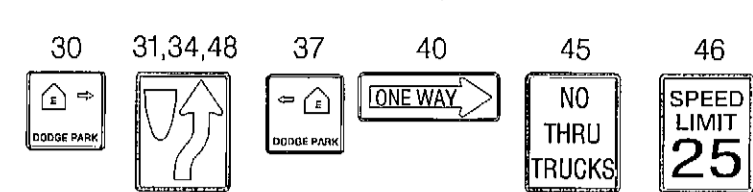
GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

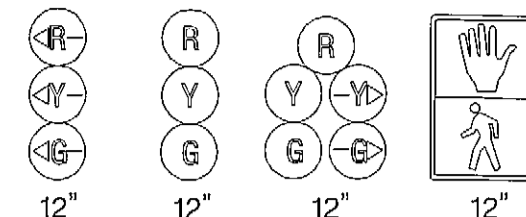
UTILITY LEGEND

SD --- STORM DRAIN
G --- GAS MAIN
W --- WATER MAIN
S --- SEWER MAIN
E --- ELECTRIC CABLES
A --- AERIAL CABLES
T --- TELEPHONE CABLES
F --- FIBER-OPTIC

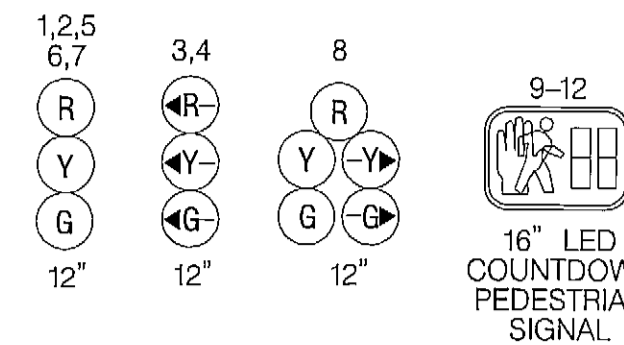
EXISTING SIGNS TO REMAIN



EXISTING SIGNALS TO BE REMOVED

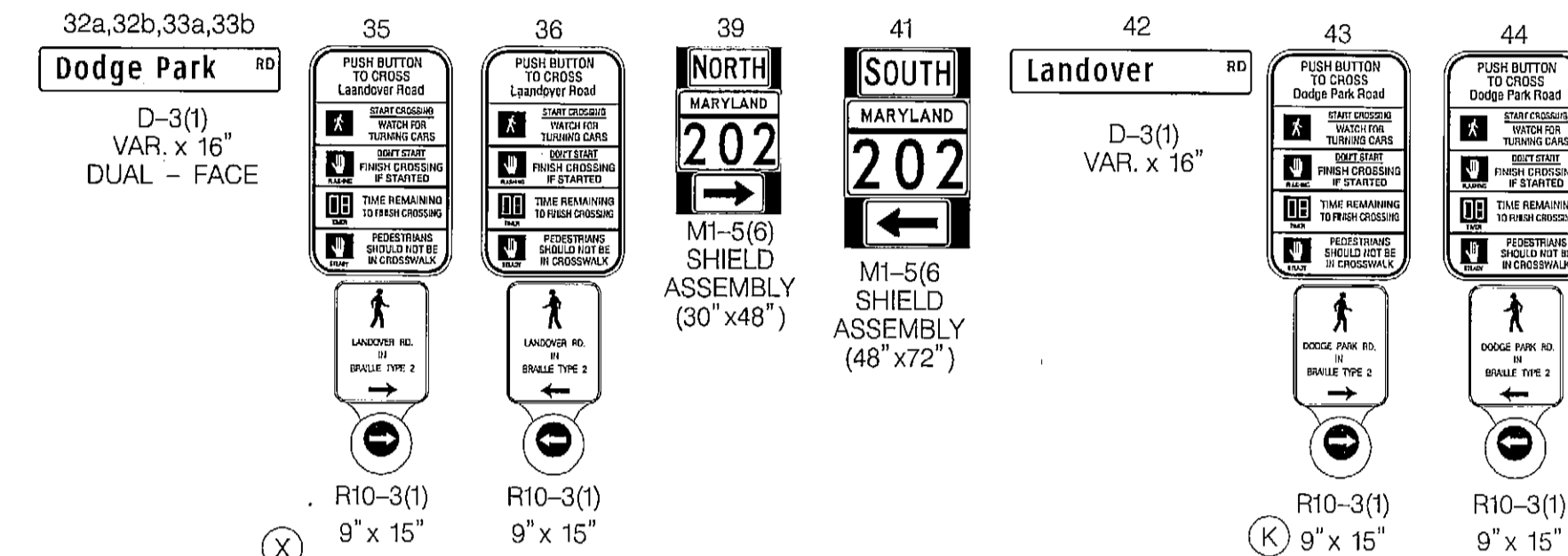


PROPOSED SIGNALS

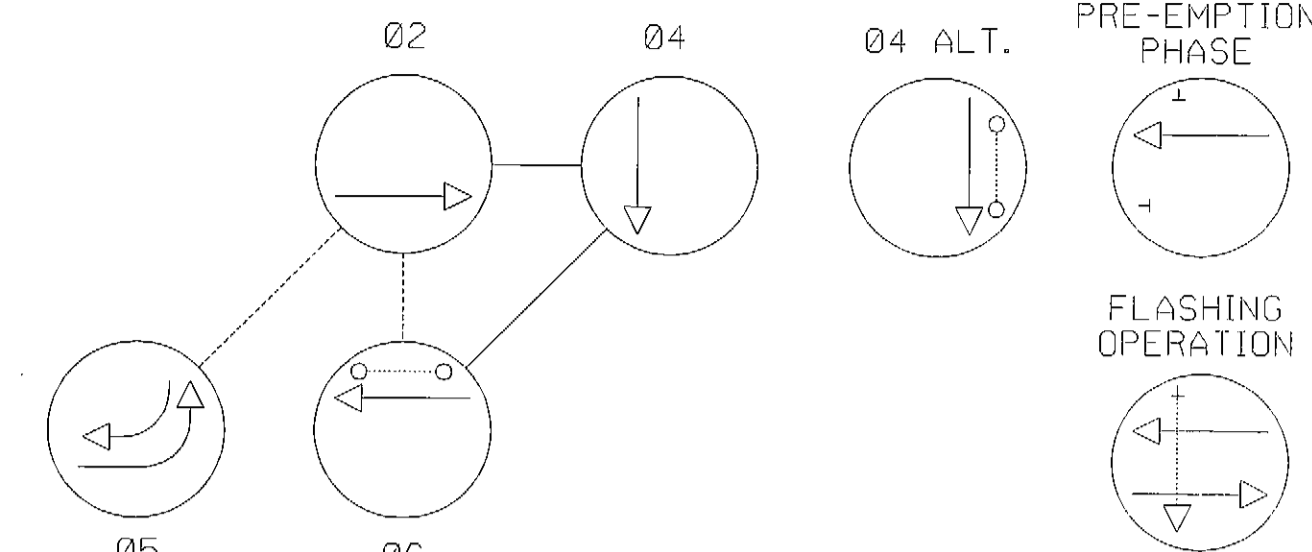


TOD NO: XX439-08
SHA NO: PG955B54
MD 202 @ Dodge Park Road

PROPOSED SIGNS



NEMA PHASING

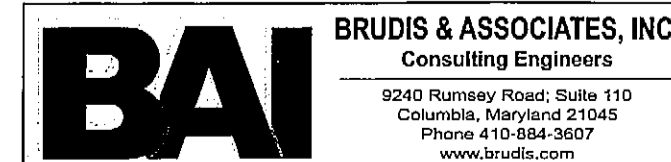


NOTE:

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES:

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.
- THE ENGINEER SHALL CONTACT LAUREL W.S.S.C FOR THE REPLACEMENT OF THE EXISTING BENCH MARK LOCATED ON THE EXISTING SIGNAL CABINET FOUNDATION.



APPROVALS	REVISIONS
TEAM LEADER	01/12 TMS-K945 SHA NO. XX4395185 REMOVE SPAN SIGNALS AND INSTALL SIGNAL POLES
ASS'T DIR. CHIEF	DM 1/25/12 DUE IMP. 1/25/12 E CHANGE EASTBOUND E/P PHASE TO AN EXCLUSIVE LEFT TURN PHASE TMS #E095 9/2000
DIVISION CHIEF	D REVISED FOR BRICK PAVEMENT CROSSWALKS.
OFFICE DIRECTOR	JDH MMN DAZ DM BEK BRK



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 202 (LANDOVER RD.) AT DODGE PARK RD.
LANDOVER, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20'	ADVERTISED DATE	CONTRACT NO.
DESIGNED BY	LES TOWNSEND	COUNTY PRINCE GEORGE'S
DRAWN BY	ROBERT TYSON	LOGMILE 16020211.46
CHECKED BY	ROBERT TYSON	TMS NO.
F.A.P. NO.		TOD NO.
TS NO. 660F	DRAWING SG - 1 OF 2	SHEET NO. 1 OF 3

PLOTTED: Monday, February 13, 2012 AT 03:18 PM
FILE: P:\09-002\TOD\Task 64 MD 202 @ Dodge Park\Drawings\CADD\Working\SG-P001_M202@Dodge.dgn